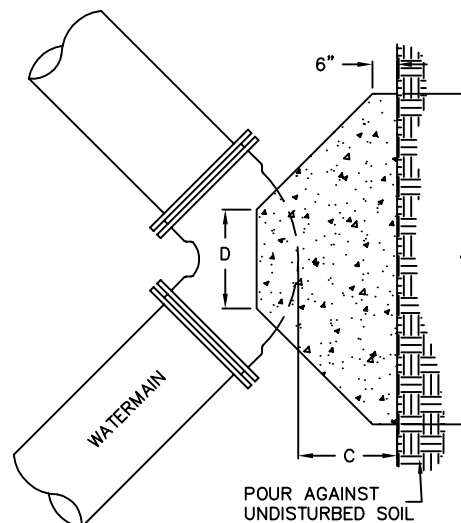
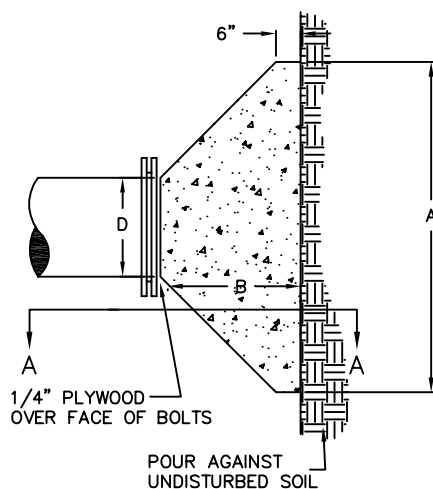


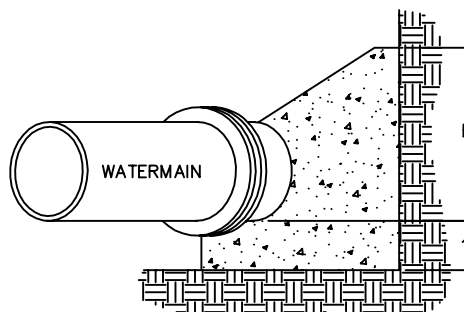
TOP VIEW-TEE



TOP VIEW-BEND



TOP VIEW-PLUG



SECTION VIEW

PIPE SIZE	22 1/2% BEND			45% BEND			90% BEND		
	A	B	C	A	B	C	A	B	C
12"	1'-10"	1'-10"	2'-0"	3'-4"	2'-0"	2'-0"	4'-9"	2'-6"	2'-0"
16"	3'-0"	2'-0"	2'-0"	3'-10"	3'-0"	2'-0"	6'-2"	3'-6"	2'-6"
20"	3'-6"	2'-8"	3'-0"	5'-6"	3'-4"	3'-0"	8'-4"	4'-0"	
24"	4'-4"	3'-0"	3'-0"	6'-10"	3'-10"	3'-0"	9'-8"	5'-0"	
30"	--	--	3'-6"	9'-3"	6'-0"	3'-6"	17'-0"	6'-0"	3'-6"

DIMENSION D SHALL BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH MJ BOLTS.

NOTES:

1. BLOCKING TO BE POURED CONCRETE, MNDOT MIX DESIGN 3A32.
2. FITTINGS MUST BE COVERED W/POLY (8 MIL) PRIOR TO POURING CONCRETE.
3. KEEP CONCRETE CLEAR OF BOLTS, JOINT AND ACCESSORIES.

THRUST BLOCK DETAIL Plate No. WS-6



2014 STANDARD DETAIL PLATE

City of Blaine - Engineering Department

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